

IN THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1. (CURRENTLY AMENDED) A status notification method comprising:

determining status of a user using a first information terminal;

directly transmitting the status of the user from the first information terminal, via an ad hoc local area network operating under an ad hoc communication protocol, to a mobile terminal of the user ~~via an ad hoc local area network~~ on a mobile communications network operating under a mobile communication protocol different from the ad hoc communication protocol of the ad hoc local area network;

determining at the user mobile terminal whether the received status of the mobile terminal user from the first information terminal is one of a plurality of user statuses previously stored in the user mobile terminal;

transmitting the received user status in real-time from the user mobile terminal, via the mobile communications network and other network operating under other communication protocol different from the mobile communication protocol of the mobile terminal, to a predetermined second information terminal, ~~which is discommunicative with the first information terminal and provided on the other via a mobile communications network,~~ according to the determining; and

outputting at the second information terminal, the user status received from the user mobile terminal via the mobile communications network and the other network.

2. (PREVIOUSLY PRESENTED) A status notification method as set forth in claim 1, wherein the ad hoc local area network is a wireless electronic communications channel.

3. (PREVIOUSLY PRESENTED) A status notification method as set forth in claim 1, wherein the ad hoc local area network is a wire electronic communications line.

4. (CURRENTLY AMENDED) A status notification system, comprising:

at least one first information terminal comprising a user status generating device determining an identity and a status of a user according to a status of the first information terminal and directly transmitting, via an ad hoc local area network operating under an ad hoc communication protocol, the determined user identity and the user status in real-time;

a mobile terminal of the user in communication with the at least one first information terminal via the ad hoc local area network and directly receiving the mobile terminal user identity and status transmitted in real-time via the ad hoc local area network from the at least one first information terminal, determining whether the received mobile terminal user identity matches a user identity stored in the user mobile terminal, and transmitting the received mobile terminal user status, according to the determining, via a mobile communications network operating under a mobile communication protocol different from the ad hoc communication protocol of the ad hoc local area network; and

a second information terminal, which is discommunicative with the first information terminal and provided on other network operating under other communication protocol different from the mobile communication protocol of in-mobile-communication-network with the at least one mobile terminal, and receiving the user status transmitted from the user mobile terminal via the mobile communications network and the other network, and outputting the received user status.

5. (PREVIOUSLY PRESENTED) The status notification system as set forth in claim 4, wherein said generating device, based on the status of the first information terminals, prepare a status list listing each possible status of the user, select one of the user statuses from the status list, and transmit both the status list and the selected user status to the mobile information terminal which transmits both the status list and the select user status to the second information terminal.

6. (CURRENTLY AMENDED) A user status generating device provided in an information terminal running a predetermined application, comprising:

identification means for obtaining from the running application identification information of a user of the running application;

decision means for determining a status of the user based on a status of the running application; and

transmitting means for directly connecting, via an ad hoc local area network operating under an ad hoc communication protocol, with an external mobile terminal of the user ~~through an ad hoc local area network~~ on a mobile communications network operating under a mobile communication protocol different from the ad hoc communication protocol of the ad hoc local area network, and transmitting the user identification information and the user status to the external mobile terminal of the user via the ad hoc local area network, wherein the external mobile terminal transmits the received user status, via the mobile communications network and other network operating under other communication protocol different from the mobile communication protocol of the mobile terminal, to a second information terminal, which is discommunicative with the first information terminal and provided on the other network.

7. (CURRENTLY AMENDED) A mobile terminal transmitting device ~~in communication with another communication device~~ on a mobile communications network operating under a mobile communication protocol, said transmitting device, comprising:

receiving means for directly connecting in real-time with an external information terminal through an ad hoc local area network operating under an ad hoc communication protocol different from the mobile communication protocol of the mobile terminal, and receiving identification information and a status of a user of the mobile terminal from the connected external information terminal via the ad hoc local area network;

authorization means for authorizing the user of the mobile terminal based on the mobile terminal user identification information received via the ad hoc local area network from the external information terminal; and

transmitting means for transmitting the received mobile terminal user status to another communication device, which is discommunicative with the external information terminal and provided on other network operating under other communication protocol different from the mobile communication protocol of the mobile terminal, via the mobile communications network and the other network, based on the authorizing.

8. (CURRENTLY AMENDED) A mobile terminal transmitting device ~~in communication with a network device via~~ on a mobile communications network operating under a mobile communication network, said transmitting device comprising:

storage means for storing user identification information for authorization of an external device that reports a status of the user of the mobile terminal, via an ad hoc local area network ~~connection~~ operating under an ad hoc communication protocol different from the mobile

communication protocol of the mobile terminal;

receiving means for directly connecting in real-time with the external information terminal through the ad hoc local area network and receiving identification information and the status of the user of the mobile terminal from the connected external information terminal via the ad hoc local area network;

authorization means for authorizing the user of the mobile terminal based on the mobile terminal user identification information received via the ad hoc local area network and the stored user identification information; and

transmitting means for transmitting the received mobile terminal user status to the another network device, which is discommunicative with the external information terminal and provided on other network operating under other communication protocol different from the mobile communication protocol of the mobile terminal, via the mobile communications network and the other network, based on the authorizing.

9. (CANCELLED)

10. (CURRENTLY AMENDED) A computer-readable recording medium wherein a user-status-generating program is stored to control information terminals, which run a predetermined application, according to a process comprising:

obtaining from the running application identification information of a user of the running application;

determining a status of the user based on a status of the running application;

connecting directly to an external mobile terminal of the user through an ad hoc local area network operating under an ad hoc communication protocol; and

transmitting, via the ad hoc local area network, the user identification information and the user status to the external mobile terminal of the user on a mobile communications network operating under a mobile communication protocol different from the ad hoc communication protocol of the ad hoc local area network, wherein the external mobile terminal transmits the received user status, via the mobile communications network and other network operating under other communication protocol different from the mobile communication protocol of the mobile terminal, to a second information terminal, which is discommunicative with the first information terminal and provided on the other network ~~via the ad hoc local area network.~~

11. (CURRENTLY AMENDED) A computer-readable recording medium storing a

mobile-terminal status-transmitting program controlling a user mobile terminal, ~~which is in communication with another communication device~~ on a mobile communications network operating under a mobile communication protocol, according to a process comprising:

connecting directly in real-time to an external information terminal through an ad hoc local area network operating under an ad hoc communication protocol different from the mobile communication protocol of the mobile terminal;

receiving, via the ad hoc local area network, identification information and a status of a user of the mobile terminal from the connected external information terminal;

authorizing the mobile terminal user based on the mobile terminal user identification information received via the ad hoc local area network from the external information terminal;

transmitting the received mobile terminal user status to another communication device, which is discommunicative with the external information terminal and provided on other network operating under other communication protocol different from the mobile communication protocol of the mobile terminal, via the mobile communications network and the other network, via the mobile communications network and the other network, based on the authorizing.

12. (CURRENTLY AMENDED) A computer-readable recording medium storing a mobile terminal status-transmitting program controlling a mobile terminal, ~~which is in communication with another communication device~~ on a mobile communications network operating under a mobile communication protocol, according to a process comprising:

storing user identification information of the mobile terminal authorizing an external device that reports a status of the user of the mobile terminal, via an ad hoc local area network connection operating under an ad hoc communication protocol different from the mobile communication protocol of the mobile terminal;

connecting directly in real-time with the external information terminal through the ad hoc local area network;

receiving identification information and the status of the user of the mobile terminal from the connected external information terminal via the ad hoc local area network;

authorizing the mobile terminal user based on the user identification information received via the ad hoc local area network and the stored mobile terminal user identification information; and

transmitting the received user status to another communication device, which is discommunicative with the external information terminal and provided on other network operating under other communication protocol different from the mobile communication protocol

of the mobile terminal, via the mobile communications network and the other network, based on the authorizing.

13. (CANCELLED)

14. (PREVIOUSLY PRESENTED) The system of claim 4, wherein the mobile terminal of the user and the at least one first information terminal automatically connect to each other according to the ad hoc local area network, if the mobile terminal is within a predetermined communication range of the at least one first information terminal.

15. (PREVIOUSLY PRESENTED) The system of claim 4, wherein the user status generating device of the first information terminal determines the identity of the user according to a password or a user name input by the user when booting the first information terminal.

16. (PREVIOUSLY PRESENTED) The system of claim 4, wherein the mobile terminal of the user and the at least one first information terminal are in communication by a wire or a wireless ad hoc local area network.

17. (PREVIOUSLY PRESENTED) The system of claim 6, wherein the identification means obtains the user identification information according to a password or a user name input by the user to the application.

18. (PREVIOUSLY PRESENTED) The system of claim 4, wherein a plurality of mobile terminals are in communication with the at least one first information terminal via the ad hoc local area network and the user status generating device of the at least one first information terminal determines the user identity and status of each mobile terminal user and transmits the determined user identity and status to each respective user mobile terminal via the ad hoc local area network.

19. (PREVIOUSLY PRESENTED) The system of claim 4, wherein the user status is determined according to a status of at least one executing application by the user in the at least one first information terminal and the user status comprises at least one of email status information, Internet telephone usage information, and computer file usage information.

20. (PREVIOUSLY PRESENTED) The system of claim 4, wherein the user status generating device is a component of an executing application by the user in the at least one first information terminal and the user status is determined by the application component according to a status of the executing application.

21. (PREVIOUSLY PRESENTED) The system of claim 4, wherein the user status is determined according to a status of at least one executing application by the user in the at least one first information terminal and the executing applications comprise at least one of a text editor, an Internet phone application, and an email application.

22. (PREVIOUSLY PRESENTED) The system of claim 4, wherein a plurality of user mobile terminals are in communication with the at least one first information terminal via the ad hoc local area network; and

the user status generating device of the at least one first information terminal determines each user identity and transmits each determined user identity to each respective user mobile terminal via the ad hoc local area network, and determines each user status according to a status of at least one executing application by each user in the at least one first information terminal and transmits each determined user status to each respective user mobile terminal via the ad hoc local area network.